## Message

From: Thomas, Russell [Thomas.Russell@epa.gov]

**Sent**: 8/22/2016 3:45:13 AM

To: Gwinn, Maureen [gwinn.maureen@epa.gov]; Bahadori, Tina [Bahadori.Tina@epa.gov]; Axelrad, Daniel

[Axelrad.Daniel@epa.gov]; Deener, Kathleen [Deener.Kathleen@epa.gov]; Kavlock, Robert

[Kavlock.Robert@epa.gov]; david.dix@nih.gov; Burke, Thomas [Burke.Thomas@epa.gov]; Bussard, David

[Bussard.David@epa.gov]; Cascio, Wayne [Cascio.Wayne@epa.gov]

CC: lromano@gwmail.gwu.edu

**Subject**: RE: Reframing Risk paper draft for review and comment **Attachments**: Reframing Chemical Risk Assessment-082116.v2\_RST.docx

Sorry I didn't get my edits/comments in earlier in the weekend.

Rusty

From: Gwinn, Maureen

Sent: Sunday, August 21, 2016 5:01 PM

**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>; Axelrad, Daniel <Axelrad.Daniel@epa.gov>; Deener, Kathleen <Deener.Kathleen@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>; david.dix@nih.gov; Burke, Thomas <Burke.Thomas@epa.gov>; Bussard, David <Bussard.David@epa.gov>; Cascio, Wayne <Cascio.Wayne@epa.gov>;

Thomas, Russell < Thomas. Russell@epa.gov>

Cc: lromano@gwmail.gwu.edu

Subject: Re: Reframing Risk paper draft for review and comment

Thanks everyone for the careful review and comments. I have combined and incorporated edits as appropriate in the attached 'clean' version. The attached track version is somewhat hard to read, but here for reference if needed.

Some comments remain for us to discuss on Monday and/or I can follow-up individually for clarification, but for the most part I think we are nearly there. Many of the remaining comment bubbles are for specific references to be added.

For Monday's meeting, I propose we discuss the following:

- 1. Any key remaining issues:
  - a. Proposed new title
  - b. Continue to discuss as a framework, or a new perspective?
  - c. Other?
- 2. The two figures
- 3. The concluding paragraph
- 4. Proposed journal (still thinking EHP?)

Following Monday's meeting I'll f	Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP)	

Please let me know if there is anything else you want to tee up for discussion Monday.

Thanks!

## Maureen

Maureen R. Gwinn, PhD DABT ATS Immediate Office of the Assistant Administrator Office of Research and Development US Environmental Protection Agency

t(202)564-4621 m(703)434-9093

Cc: Iromano@gwmail.gwu.edu

Office of Research and Development

Kacee Deener, MPH Senior Science Advisor

Subject: RE: Reframing Risk paper draft for review and comment

suggested edits (attached). I also really like Ex. 5 Deliberative Process (DP)

(ph) 202.564.1990 | (mobile) 202.510.1490 deener.kathleen@epa.gov

From: Bahadori, Tina Sent: Sunday, August 21, 2016 8:19 AM To: Axelrad, Daniel; Deener, Kathleen; Gwinn, Maureen; Kavlock, Robert; david.dix@nih.gov; Burke, Thomas; Bussard, David; Cascio, Wayne; Thomas, Russell Cc: lromano@gwmail.gwu.edu Subject: RE: Reframing Risk paper draft for review and comment Ex. 5 Deliberative Process (DP) kt. Hopefully we can discuss during the meeting and Mine added to Dan's version. Ti... see h Ex. 5 Deliberative Process (DP) Thanks, Tina ----Original Message----From: Axelrad, Daniel Sent: Thursday, August 18, 2016 4:17 PM To: Deener, Kathleen < Deener, Kathleen@epa.gov>; Gwinn, Maureen < gwinn.maureen@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>; david.dix@nih.gov; Bahadori, Tina <Bahadori.Tina@epa.gov>; Burke, Thomas <Burke, Thomas@epa,gov>; Bussard, David <Bussard.David@epa,gov>; Cascio, Wayne <Cascio.Wayne@epa,gov>; Thomas, Russell <Thomas.Russell@epa.gov> Cc: lromano@gwmail.gwu.edu Subject: RE: Reframing Risk paper draft for review and comment My suggestions added. Thanks!! ----Original Message----From: Deener, Kathleen Sent: Friday, August 12, 2016 6:22 PM To: Gwinn, Maureen <gwinn.maureen@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>; david.dix@nih.gov; Bahadori, Tina <<u>Bahadori, Tina@epa, gov</u>>; Axelrad, Daniel <<u>Axelrad, Daniel@epa, gov</u>>; Burke, Thomas <<u>Burke, Thomas@epa, gov</u>>; Bussard, David

<<u>Bussard.David@epa.gov</u>>; Cascio, Wayne <<u>Cascio.Wayne@epa.gov</u>>; Thomas, Russell <<u>Thomas.Russell@epa.gov</u>>

Maureen - thanks so much for all of your work on this! I think it's really coming together nicely. I have just a few very minor

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----Original Message-----From: Gwinn, Maureen

Sent: Tuesday, August 09, 2016 5:46 PM

To: Kavlock, Robert < Kavlock, Robert@epa.gov >; david.dix@nih.gov; Bahadori, Tina < Bahadori, Tina@epa.gov >; Deener, Kathleen < Deener, Kathleen@epa.gov >; Axelrad, Daniel < Axelrad, Daniel@epa.gov >; Burke, Thomas < Burke, Thomas@epa.gov >; Bussard, David < Bussard, David@epa.gov >; Cascio, Wayne < Cascio, Wayne@epa.gov >; Thomas, Russell < Thomas, Russell@epa.gov >

Cc: Iromano@gwmail.gwu.edu

Subject: Reframing Risk paper draft for review and comment

Hi all -

I've revised the reframing risk paper, based on our conversations on 7/27. Thanks to Kacee and Laura for already sharing comments and edits, which are included in the attached.

## Ex. 5 Deliberative Process (DP)

Please send comments and edits to all via email by COB August 18th. I can compile before our next meeting which I've just scheduled for Monday August 22nd at 4pm.

Thanks,

Maureen